

ENGINEERING TARGET: TOMORROW

MARCH 9 & 10, 1979



ENGINEERING OPEN HOUSE
UNIVERSITY OF ILLINOIS AT URBANA CHAMPAIGN

FACULTY ADVISORS AND DEPARTMENT CHAIRPERSONS

AERONAUTICAL AND ASTRONAUTICAL ENGINEERING	Diana Traylor
Professor C. E. Bond	
AGRICULTURAL ENGINEERING	Dave McFee Greg Woodworth
Professor J. K. Mitchell	
BIOENGINEERING	Jay Goldberg
Professor W. D. O'Brien	
CERAMIC ENGINEERING	Dave Johanns Kurt Bastian Sue Steinbrenner
Professor D. A. Payne	
CHEMICAL ENGINEERING	Joe Perez
Professor M. A. Stadtherr	
CIVIL ENGINEERING	John Shively Barry Kravitz
Professor L. T. Boyer	
COMPUTER SCIENCE	
Professor S. R. Ray	
ELECTRICAL ENGINEERING	Bruce Mather
Professor J. D. Dyson	
GENERAL ENGINEERING	Mike Jacobs
Professor J. P. Hipkind	
INDUSTRIAL ENGINEERING	Pat Brady
Professor L. C. Pigage	
MECHANICAL ENGINEERING	Marlene Schaefer
Professor D. H. Offner	
METALLURGY AND MINING ENGINEERING	Pat Murzyn Phil Roth
Professor R. P. Wool	
NUCLEAR ENGINEERING	Lisa Strugala
Professor B. Wehring	
PHYSICS	Basil Tripsas
Professor A. M. Nathan	
THEORETICAL AND APPLIED MECHANICS	Alan Duncanson
Professor T. M. Elsesser	
TRANSPORTATION ENGINEERING	Tom Ponsot Tim Wells

SPECIAL THANKS TO ALL THE JUDGES, AND TO DEBBIE COLONKA, THE DESIGNER.

SPECIAL EXHIBITS

Professor Haight's Magic Show
1:00 PM Friday
3:00 PM Friday

Flying Dog House
1:00 PM Friday
1:00 PM Saturday
Field West of Civil Engineering

Debate with MIT
"Breeder Reactor: Curse or Cure
In U.S. Energy Policy"
10:00 AM Saturday
Room will be listed

Space Shuttle Exhibit

Cruise Missile Exhibit

Agricultural Engineering
Mini Tractor Pull

Ceramic Engineering
Porcelain Enamels
Frit Pouring (Every ½ hour)

Chemical Engineering
Mini Magic Shows
Unit Operations Lab
Process Control Lab
Tinsel Testing Machine
(Every hour)

Civil Engineering
ASCE Model Span Contest
(Every ½ hour)
Earthquake Simulator

Industrial Engineering
AIIE Complimentary Coasters
Industrial Robot
Flight Simulator and
Coordination Test

Mechanical Engineering
Pouring of the Coupola
(Friday evening)

Metallurgy and Mining Engineering
Scanning Electron Microscope
Powder Metallurgy
Die Casting
(Complimentary die cast medals)

Nuclear Engineering
Triga Reactor Tours (All day)
Can Crusher

Physics
High Energy Physics Accelerators,
Spark Chambers
Lasers and Applications (Holography)

Transportation Engineering
Scale Models of Energy Saving Ideas
Rail and Road Safety Display
Traffic Lab

Rooms and times for exhibits may be found at the main information booth at Engineering Hall or in the departmental Programs. There is a map of the Engineering Campus inside this program

WELCOME TO EOH 1979

John Winek, EOH Chairperson

MAR 9 - 1979

The faculty and students of the College of Engineering at the University of Illinois at Urbana-Champaign would like to welcome you to Engineering Open House '79. An annual event since 1950, Engineering Open House has strived to achieve three major objectives. The first is to provide the participating students with a valuable part of their education which is not learned as much in the classroom as in meeting rooms and around conference tables. The second is to better acquaint the public with some of the fundamental principles surrounding engineering as well as with the college itself. This year's theme, "Engineering Target: Tomorrow", establishes our final objective which is to further the progress of engineering by demonstrating new advances in technology.

This year the faculty and students have spent thousands of hours preparing this year's Open House. Viewing the buildings and hundreds of exhibits should impress upon you the wide range of information that embodies engineering. We hope that Engineering Open House '79 is a pleasant and rewarding experience for all.

ENGINEERING OPEN HOUSE CENTRAL COMMITTEE

CHAIRPERSON

John Winek

AWARDS

Gary Fischman

COLLEGE EXHIBITS

Sue Emmons

EXTERNAL PUBLICITY

John Brach

INTERNAL PUBLICITY

Judy Orvidas

POSTERS AND PROGRAMS

Paulette Traynor

Judy Worden

TRAFFIC AND SAFETY

Tony Pirih

SPECIAL PROJECTS

Jane Kienstra

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